

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007049.D
 Acq On : 15 Jan 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:19:44 AM

Quant Time: Jan 16 00:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	561634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	801059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282173	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	262936	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.71	98	986933	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.13	95	361410	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	260486	56.479	ug/l	97
3) Chloromethane	1.33	50	279618	52.079	ug/l	98
4) Vinyl Chloride	1.41	62	308038	53.335	ug/l	100
5) Bromomethane	1.64	94	306406	49.656	ug/l	98
6) Chloroethane	1.71	64	195484	48.474	ug/l	96
7) Trichlorofluoromethane	1.93	101	484753	51.945	ug/l	96
8) Diethyl Ether	2.19	74	182379	49.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	296270	53.029	ug/l	100
10) Methyl Iodide	2.51	142	436753	57.953	ug/l	100
11) Tert butyl alcohol	3.07	59	343897	248.375	ug/l	99
12) 1,1-Dichloroethene	2.38	96	263871	51.119	ug/l	96
13) Acrolein	2.30	56	151414	253.517	ug/l	98
14) Allyl chloride	2.73	41	458354	51.812	ug/l	100
15) Acrylonitrile	3.15	53	804778	253.193	ug/l	100
16) Acetone	2.45	43	772287	266.148	ug/l	100
17) Carbon Disulfide	2.57	76	652020	49.062	ug/l	99
18) Methyl Acetate	2.78	43	418774	49.835	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	910695	50.831	ug/l	98
20) Methylene Chloride	2.86	84	294069	53.320	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	281884	49.003	ug/l	97
22) Diisopropyl ether	3.87	45	854029	51.351	ug/l	94
23) Vinyl Acetate	3.82	43	3632782	259.014	ug/l	100
24) 1,1-Dichloroethane	3.70	63	506198	54.432	ug/l	97
25) 2-Butanone	4.70	43	1071591	258.094	ug/l	99
26) 2,2-Dichloropropane	4.59	77	387400	54.174	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	317634	50.061	ug/l	97
28) Bromochloromethane	5.02	49	200972	49.325	ug/l	97
29) Tetrahydrofuran	5.15	42	672683	249.304	ug/l	98
30) Chloroform	5.21	83	501451	51.502	ug/l	97
31) Cyclohexane	5.57	56	433973	52.431	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	434191	52.611	ug/l	98
36) 1,1-Dichloropropene	5.80	75	373034	53.562	ug/l	99
37) Ethyl Acetate	4.85	43	391800	52.473	ug/l	99
38) Carbon Tetrachloride	5.78	117	385683	55.041	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	482114	54.300	ug/l	99
40) Benzene	6.14	78	1122042	52.800	ug/l	100
41) Methacrylonitrile	5.06	41	222189	51.655	ug/l	98
42) 1,2-Dichloroethane	6.20	62	380588	51.826	ug/l	99
43) Isopropyl Acetate	6.46	43	642175	54.525	ug/l	98
44) Trichloroethene	7.21	130	333401	52.355	ug/l	98
45) 1,2-Dichloropropane	7.51	63	288210	53.946	ug/l	96
46) Dibromomethane	7.66	93	204314	54.415	ug/l	98
47) Bromodichloromethane	7.90	83	367315	57.472	ug/l	97
48) Methyl methacrylate	7.77	41	329346	54.453	ug/l	97
49) 1,4-Dioxane	7.75	88	153271	1110.617	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2112129	279.050	ug/l	98
52) Toluene	8.78	92	737292	53.980	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	421072	59.415	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	455058	58.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	308323	56.396	ug/l	99
56) Ethyl methacrylate	9.18	69	454414	56.935	ug/l	95
57) 1,3-Dichloropropane	9.37	76	484610	54.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1196850	291.659	ug/l	98
59) 2-Hexanone	9.49	43	1617476	280.422	ug/l	99
60) Dibromochloromethane	9.58	129	329758	62.117	ug/l	97
61) 1,2-Dibromoethane	9.67	107	333502	55.411	ug/l	99
64) Tetrachloroethene	9.34	164	340267	53.045	ug/l	97
65) Chlorobenzene	10.14	112	874689	54.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	316961	58.305	ug/l	99
67) Ethyl Benzene	10.25	91	1459952	54.725	ug/l	98
68) m/p-Xylenes	10.36	106	1165380	110.875	ug/l	99
69) o-Xylene	10.69	106	565918	55.208	ug/l	98
70) Styrene	10.71	104	921553	56.764	ug/l	99
71) Bromoform	10.86	173	249167	51.114	ug/l	99
73) Isopropylbenzene	11.02	105	1501278	53.405	ug/l	99
74) N-amyl acetate	10.90	43	590189	52.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	448446	50.250	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	426717m	52.820	ug/l	
77) Bromobenzene	11.26	156	407272	52.580	ug/l	99
78) n-propylbenzene	11.36	91	1722484	55.816	ug/l	99
79) 2-Chlorotoluene	11.42	91	982301	52.879	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1252909	53.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136904	51.055	ug/l	96
82) 4-Chlorotoluene	11.51	91	1172213	54.500	ug/l	100
83) tert-Butylbenzene	11.77	119	1275371	54.420	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1291377	54.672	ug/l	100
85) sec-Butylbenzene	11.94	105	1543180	55.136	ug/l	100
86) p-Isopropyltoluene	12.06	119	1394070	55.685	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	738319	52.736	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	737179	55.557	ug/l	99
89) n-Butylbenzene	12.39	91	1217350	57.042	ug/l	99
90) Hexachloroethane	12.60	117	215803	53.763	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	719799	52.098	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92664	52.500	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	521237	54.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	240409	57.153	ug/l	98
95) Naphthalene	13.83	128	1533768	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	509881	54.149	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

